

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082422\
 Data File : BF129990.D
 Acq On : 25 Aug 2022 01:38
 Operator : CG\JU
 Sample : N4264-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U-3

Quant Time: Aug 25 04:19:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 04:08:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	101670	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	391180	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	188945	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	286699	20.000	ng	0.00
76) Chrysene-d12	13.933	240	188553	20.000	ng	0.00
86) Perylene-d12	15.386	264	216459	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	243681	39.684	ng	0.00
7) Phenol-d6	6.434	99	179594	23.355	ng	0.00
23) Nitrobenzene-d5	7.334	82	656661	89.862	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	150654	79.444	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1132680	91.049	ng	0.00
79) Terphenyl-d14	12.869	244	905845	79.939	ng	0.00

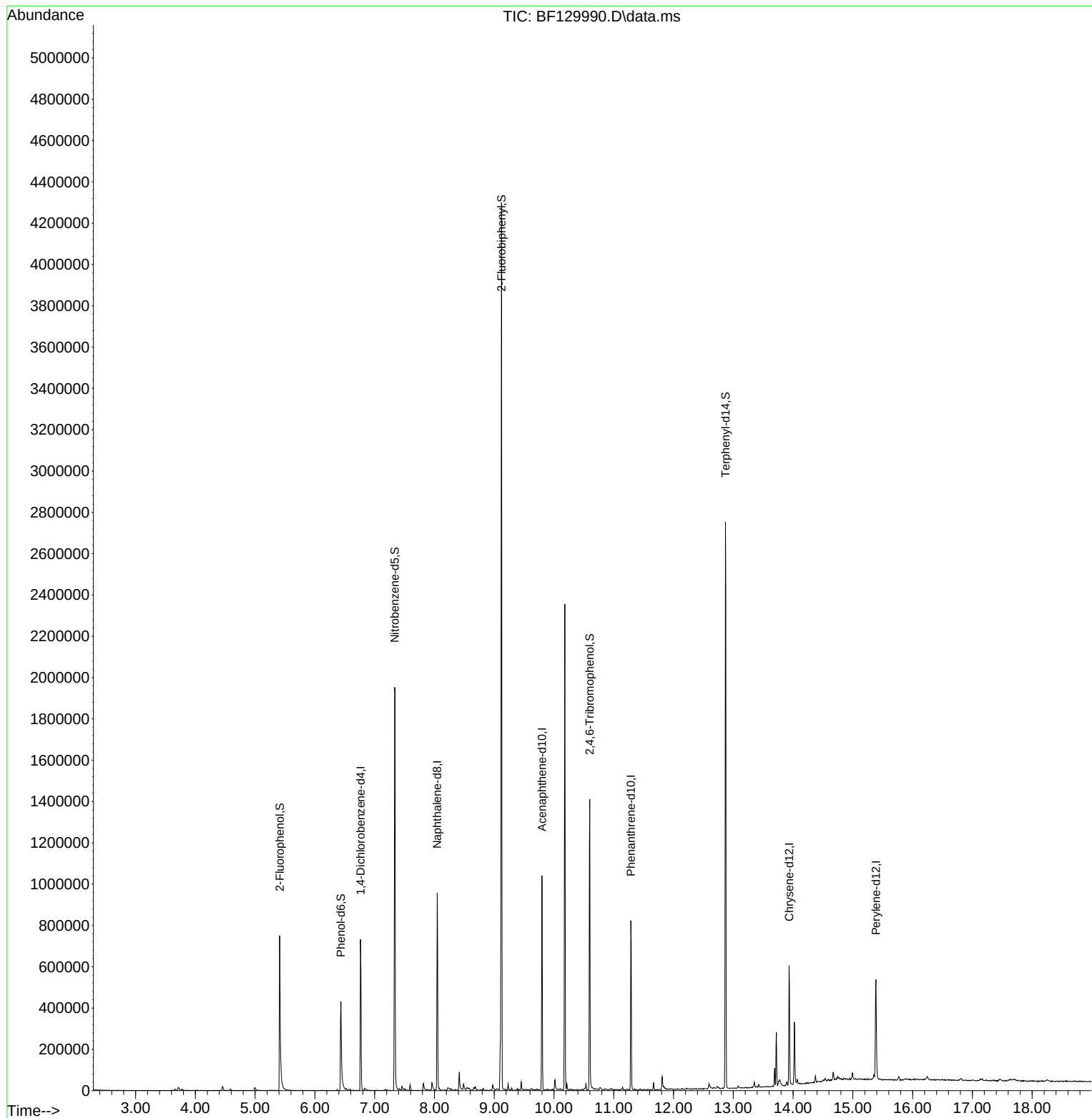
Target Compounds	Qvalue

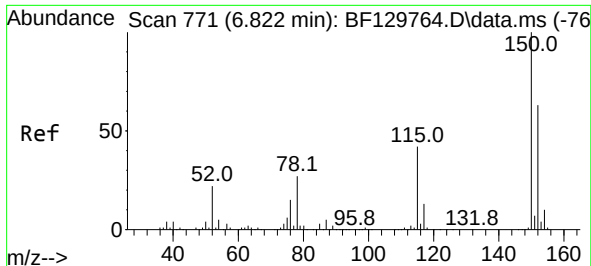
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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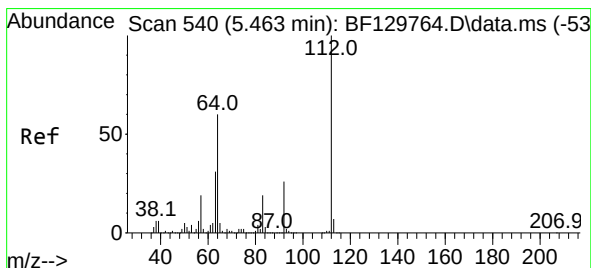
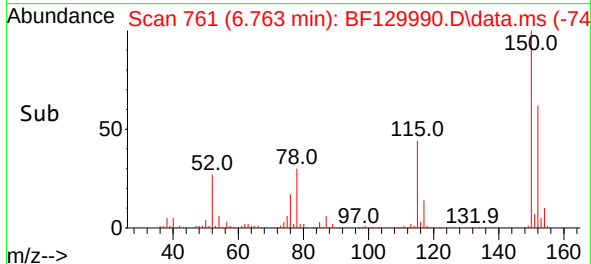
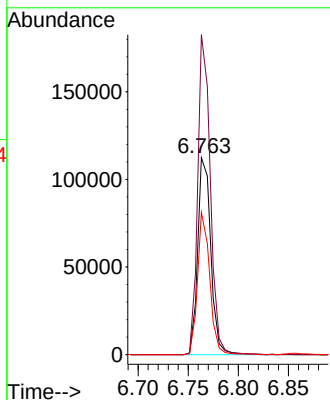
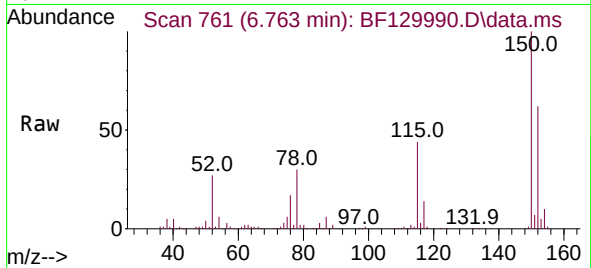




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

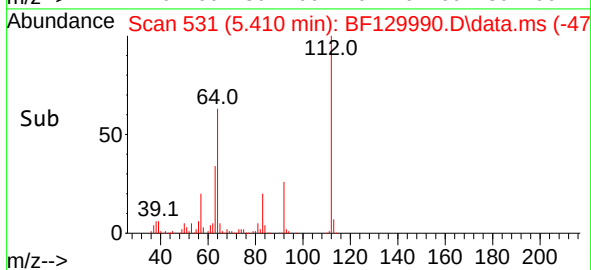
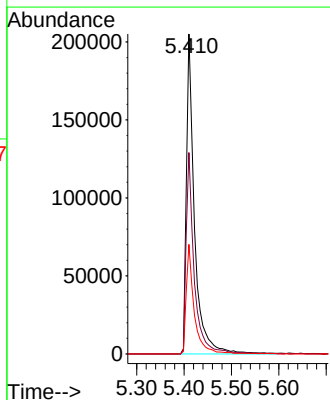
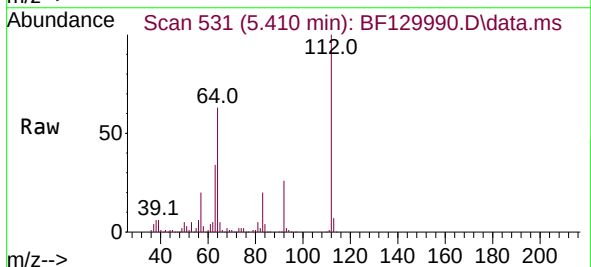
Instrument :
BNA_F
ClientSampleId :
U-3

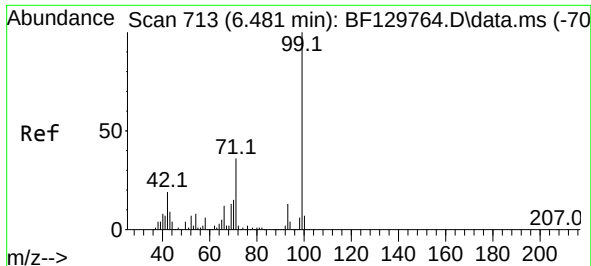
Tgt Ion:152 Resp: 101670
Ion Ratio Lower Upper
152 100
150 162.5 126.9 190.3
115 72.2 53.4 80.0



#5
2-Fluorophenol
Concen: 39.684 ng
RT: 5.410 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion:112 Resp: 243681
Ion Ratio Lower Upper
112 100
64 62.9 47.6 71.4
63 34.2 24.6 37.0

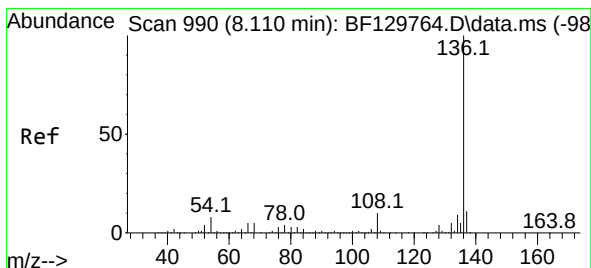
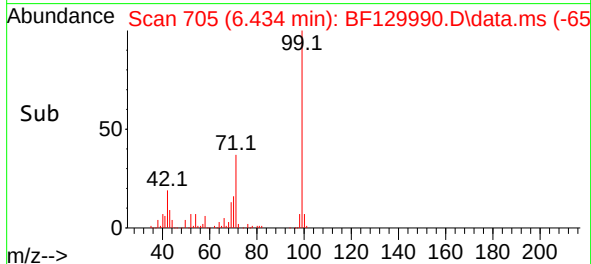
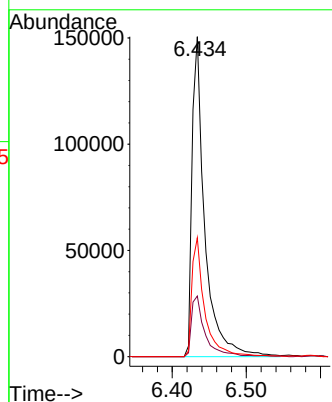
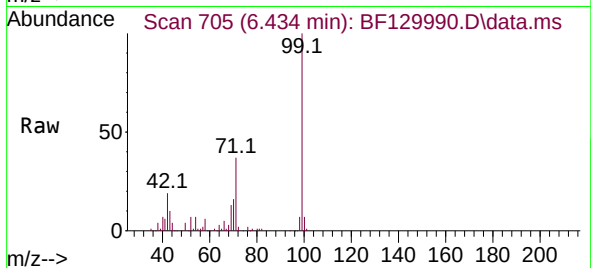




#7
Phenol-d6
Concen: 23.355 ng
RT: 6.434 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

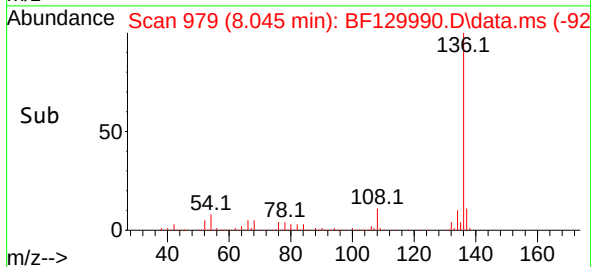
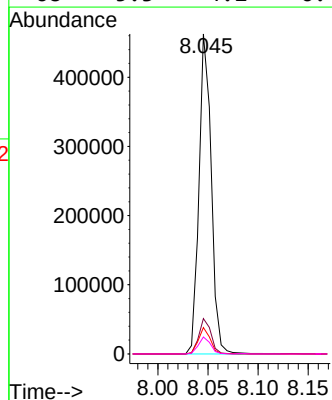
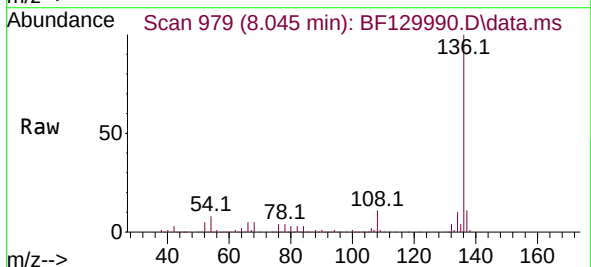
Instrument :
BNA_F
ClientSampleId :
U-3

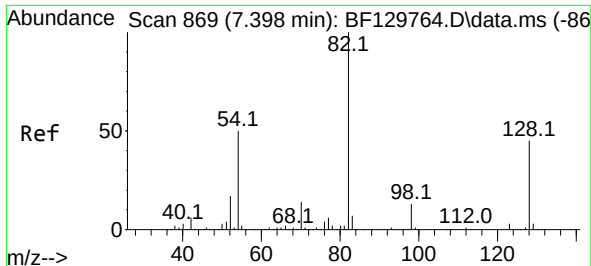
Tgt Ion: 99 Resp: 179594
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 37.1 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.045 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion: 136 Resp: 391180
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.2 6.2 9.2
68 5.3 4.2 6.4





#23

Nitrobenzene-d5

Concen: 89.862 ng

RT: 7.334 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129990.D

Acq: 25 Aug 2022 01:38

Instrument :

BNA_F

ClientSampleId :

U-3

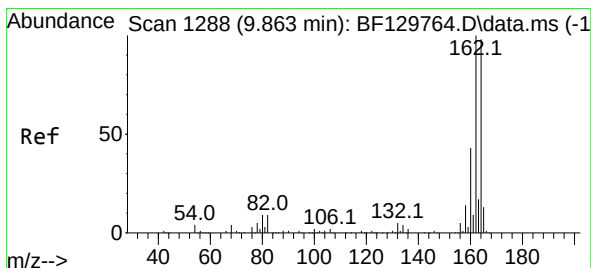
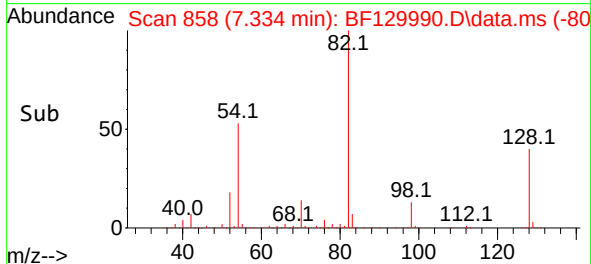
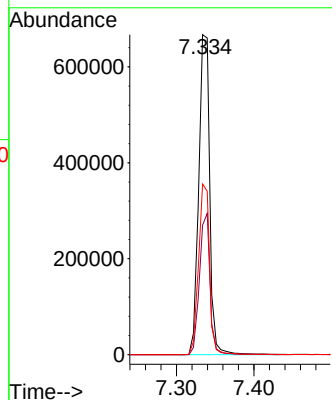
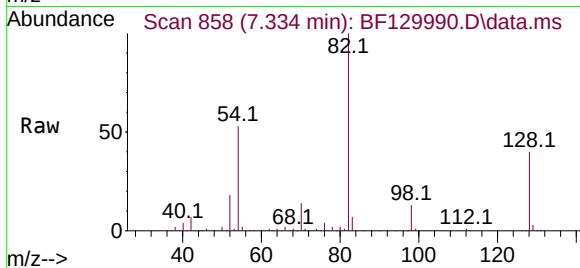
Tgt Ion: 82 Resp: 656661

Ion Ratio Lower Upper

82 100

128 40.5 36.1 54.1

54 53.3 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.798 min Scan# 1277

Delta R.T. -0.006 min

Lab File: BF129990.D

Acq: 25 Aug 2022 01:38

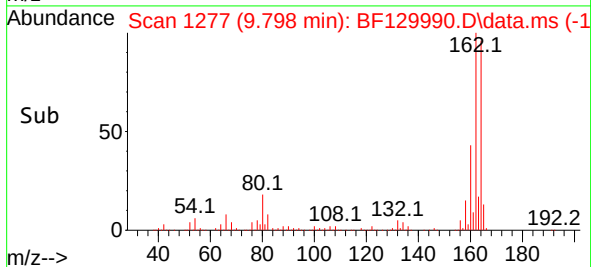
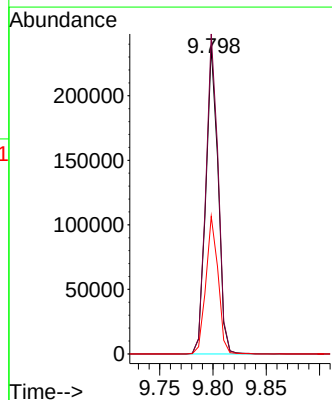
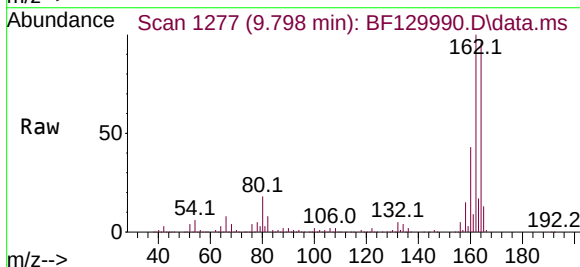
Tgt Ion:164 Resp: 188945

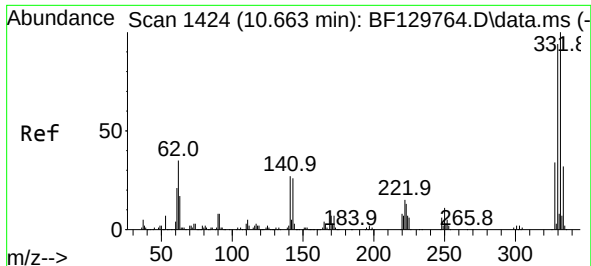
Ion Ratio Lower Upper

164 100

162 104.3 82.0 123.0

160 44.8 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 79.444 ng

RT: 10.598 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF129990.D

Acq: 25 Aug 2022 01:38

Instrument :

BNA_F

ClientSampleId :

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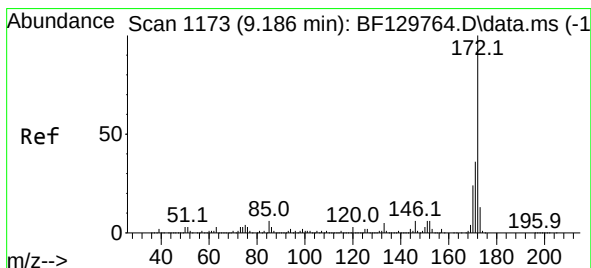
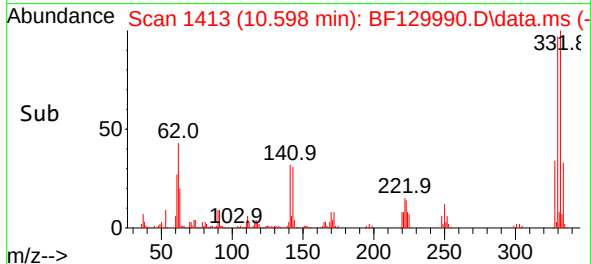
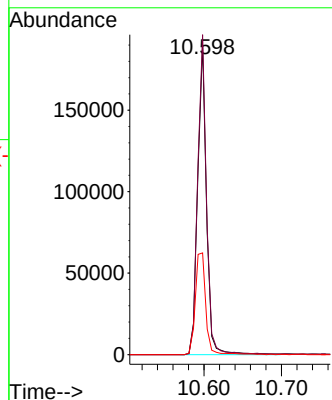
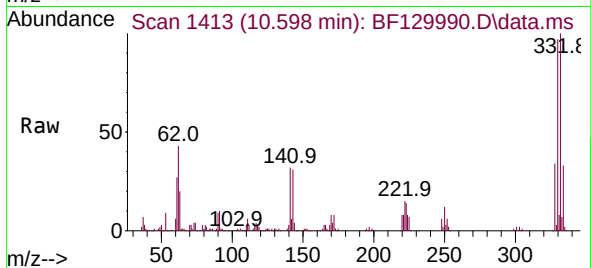
Tgt Ion:330 Resp: 150654

Ion Ratio Lower Upper

330 100

332 103.3 82.6 124.0

141 38.7 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 91.049 ng

RT: 9.122 min Scan# 1162

Delta R.T. -0.006 min

Lab File: BF129990.D

Acq: 25 Aug 2022 01:38

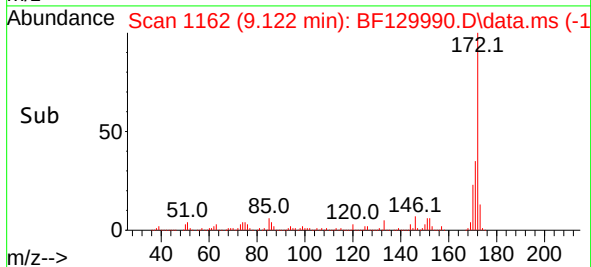
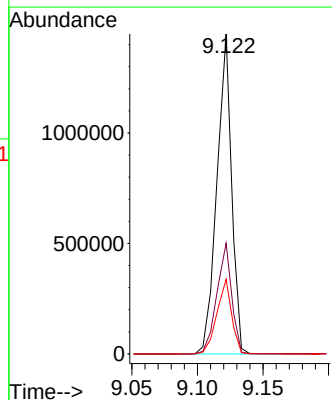
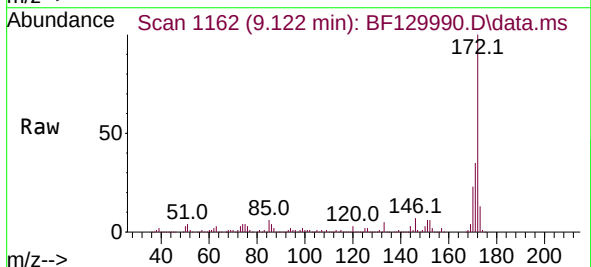
Tgt Ion:172 Resp: 1132680

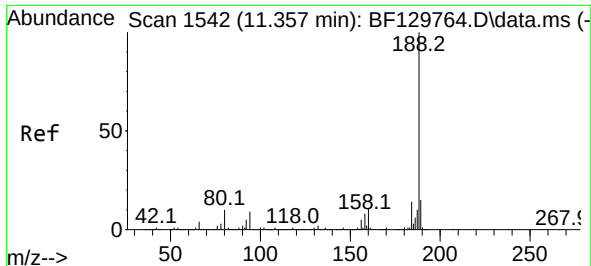
Ion Ratio Lower Upper

172 100

171 34.6 28.4 42.6

170 23.3 19.1 28.7

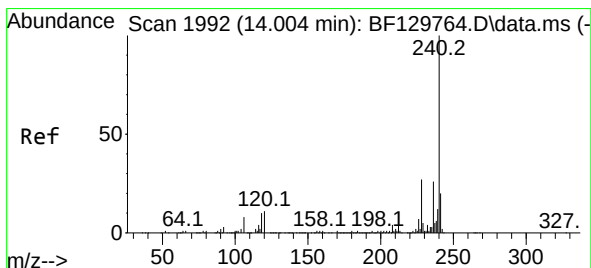
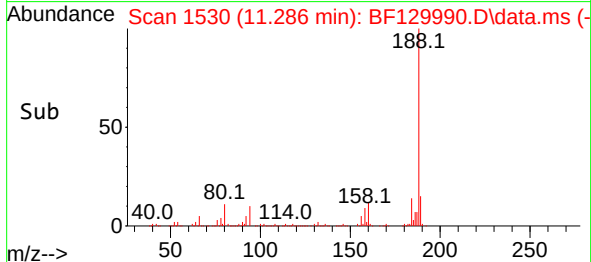
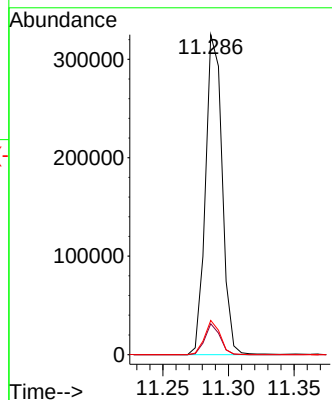
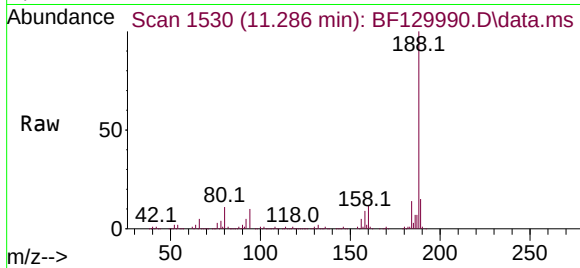




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

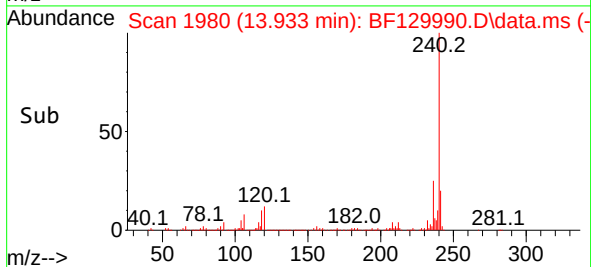
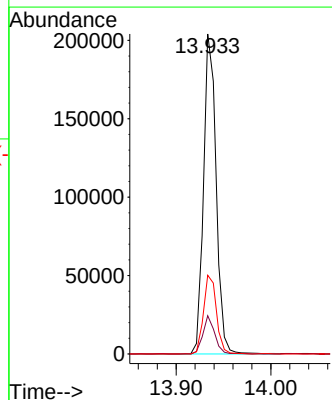
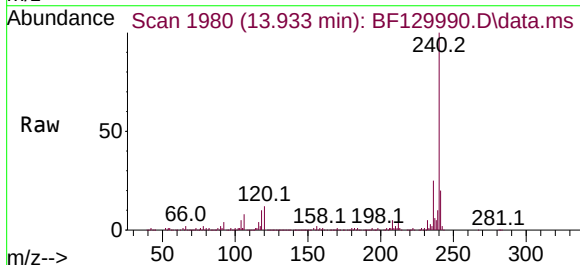
Instrument :
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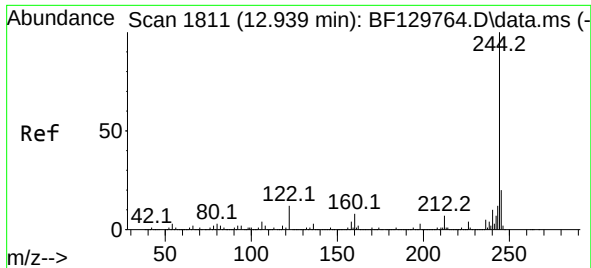
Tgt Ion:188 Resp: 286699
Ion Ratio Lower Upper
188 100
94 9.7 7.4 11.2
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BF129990.D
Acq: 25 Aug 2022 01:38

Tgt Ion:240 Resp: 188553
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 24.6 20.7 31.1

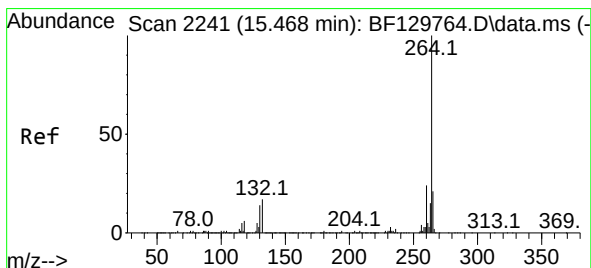
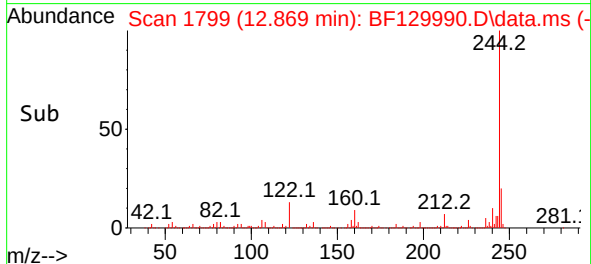
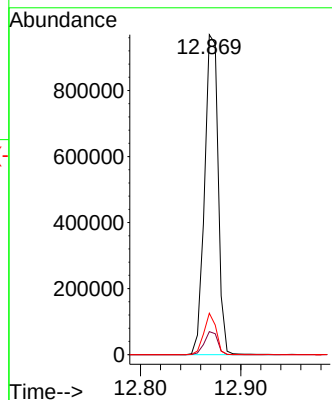
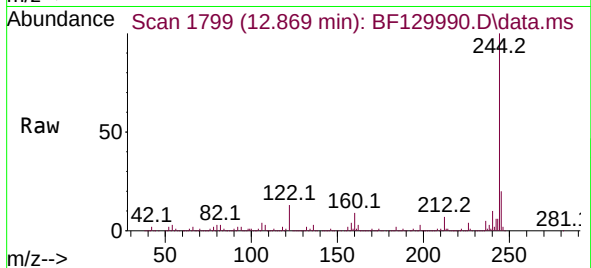




#79
 Terphenyl-d14
 Concen: 79.939 ng
 RT: 12.869 min Scan# 1799
 Delta R.T. -0.006 min
 Lab File: BF129990.D
 Acq: 25 Aug 2022 01:38

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Tgt Ion:244 Resp: 905845
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 12.9 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.386 min Scan# 2227
 Delta R.T. 0.000 min
 Lab File: BF129990.D
 Acq: 25 Aug 2022 01:38

Tgt Ion:264 Resp: 216459
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.1 28.7
 265 20.7 16.7 25.1

